

SEQUENCE LISTING

<110> Iversen, Patrick L.
Hudziak, Robert

<120> Splice-Region Antisense Composition and
Method

<130> 0450-0037.30

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/202,376

<151> 2000-05-04

<160> 54

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense

<400> 1

ctgtgcttac cgggttttcc acctccc

27

<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense

<400> 2

atcgctgta ctgtctgttg gaggg

25

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense

<400> 3

gctcacgttg aggggcatcg

20

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense

<400> 4	
ggtcactcac cggtagagaa	20
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 5	
gggttccaag tctataaagg	20
<210> 6	
<211> 14	
<212> DNA	
<213> Homo sapiens	
<400> 6	
tgtgtctttt ccag	14
<210> 7	
<211> 23	
<212> DNA	
<213> Homo sapiens	
<400> 7	
tttggagact gccagggacc atg	23
<210> 8	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 8	
catggtccct ggcagctctcc	20
<210> 9	
<211> 36	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 9	
tcaatgggca aaacatggtc cctggcagtc tccaaa	36
<210> 10	
<211> 15	
<212> DNA	
<213> Homo sapiens	
<400> 10	
tttgtgttct cccag	15
<210> 11	
<211> 23	

<212> DNA
 <213> Homo sapiens

 <400> 11
 ggaaacagaa gtacctgtgc gcc 23

 <210> 12
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> antisense

 <400> 12
 ggcgcacagg tacttctg 18

 <210> 13
 <211> 36
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> antisense

 <400> 13
 aatcatttct gctggcgac aggtacttct gtttcc 36

 <210> 14
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> antisense

 <400> 14
 cccctgcagc acgcgggt 18

 <210> 15
 <211> 37
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> antisense

 <400> 15
 gaggcagggc cggcaggacc ccctgcagca cgcgggt 37

 <210> 16
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> antisense

 <400> 16
 ggcacgtcg cgggaggctg 20

 <210> 17

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 17
gggcatcgtc gcgggaggct

20

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 18
ggggcatcgt cgcgggaggc

20

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 19
aggggcatcg tcgcgggagg

20

<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 20
gaggggcatc gtcgcgggag

20

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 21
tgaggggcat cgtcgcggga

20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 22	
ttgaggggca tcgtcgcg	20
<210> 23	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 23	
gttgaggggc atcgtcg	20
<210> 24	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 24	
cggtgaggg catcgtcg	20
<210> 25	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 25	
acgttgagg gcatcgtc	20
<210> 26	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 26	
aacgttgagg ggcacgtc	20
<210> 27	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 27	
taacgttgag ggcacgtc	20
<210> 28	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>
<223> antisense

<400> 28
ctaacgttga ggggcatcgt 20

<210> 29
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 29
gctaacgttg aggggcatcg 20

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 30
agctaacgtt gaggggcatc 20

<210> 31
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 31
aagctaacgt tgaggggcat 20

<210> 32
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 32
gaagctaacg ttgaggggca 20

<210> 33
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 33
tcctcatctt cttgttctc 20

<210> 34
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 34
aacaacatcg atttcttcct catcttcttg ttcctc

36

<210> 35
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 35
cccggaaggc agtctggc

18

<210> 36
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 36
tcctccatgg cagtgaccgc gaaggcagtc tggctg

36

<210> 37
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 37
ctactggccg ctgaagggc

19

<210> 38
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 38
gctcaaagtc agatgctact ggccgctgaa gggctt

36

<210> 39
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> antisense

<400> 39	
tcgtcgggtct ctccgcttct tcttgcc	27
<210> 40	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 40	
ctctggtggt gggtaagggt	20
<210> 41	
<211> 37	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> antisense	
<400> 41	
cgggtctgtc gggttccctc tgggtggtggg taagggt	37
<210> 42	
<211> 30	
<212> DNA	
<213> Rattus norvegicus	
<400> 42	
ggggcaucgu cgugacuguc uguuggaggg	30
<210> 43	
<211> 22	
<212> DNA	
<213> Rattus norvegicus	
<400> 43	
cgucgugacu gucuguugga gg	22
<210> 44	
<211> 22	
<212> DNA	
<213> Rattus norvegicus	
<400> 44	
cgtcgtgact gtctggttga gg	22
<210> 45	
<211> 28	
<212> DNA	
<213> Homo sapiens	
<400> 45	
ggcaucgucg cgggaggcug cuggagcg	28
<210> 46	
<211> 28	
<212> DNA	
<213> Rattus norvegicus	

<400> 46
 ccgcgacaua ggacggagag cagagccc 28

 <210> 47
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> scrambled version of SEQ ID NO: 25

 <400> 47
 actgtgaggg cgatcgctgc 20

 <210> 48
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> SEQ ID NO: 25 with three mismatched nucleotides

 <400> 48
 acgatgagtg gcatagtcgc 20

 <210> 49
 <211> 20
 <212> DNA
 <213> Rattus norvegicus

 <400> 49
 ctccgcaatg ctgaaaggtg 20

 <210> 50
 <211> 24
 <212> DNA
 <213> Rattus norvegicus

 <400> 50
 ggcgugccuc aaacauggug gcgg 24

 <210> 51
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> primer

 <400> 51
 cgggcacttt gcaactgaaac ttacaacacc 30

 <210> 52
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> primer

 <400> 52



THE UNIVERSITY OF CHICAGO PRESS

<400>. 53
ctccttgcag ctgcttagac gctgg

25

<220>
<223> primer

25